

Figure 1  
(prior art)

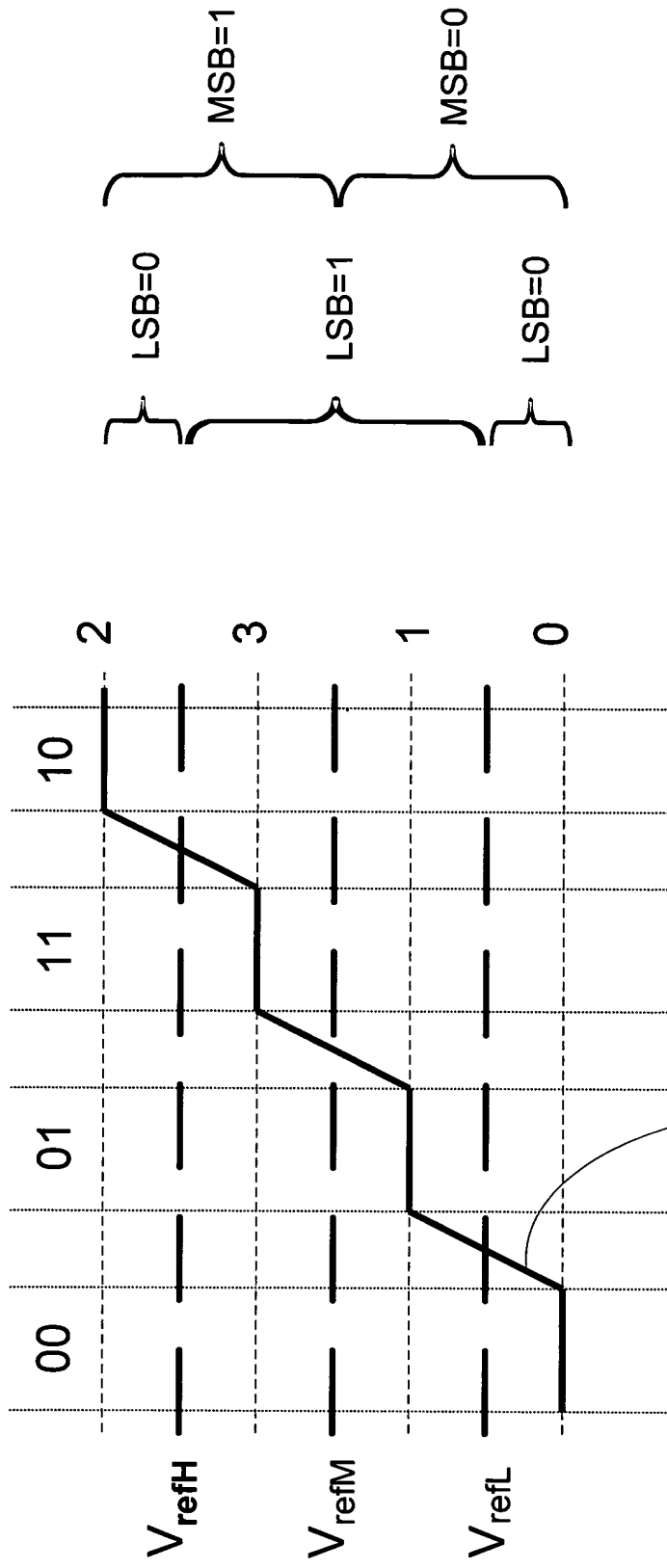
# Signal Waveforms and Differential

Reference  
Twist Levels

Logic Signal Level  
Binary Values

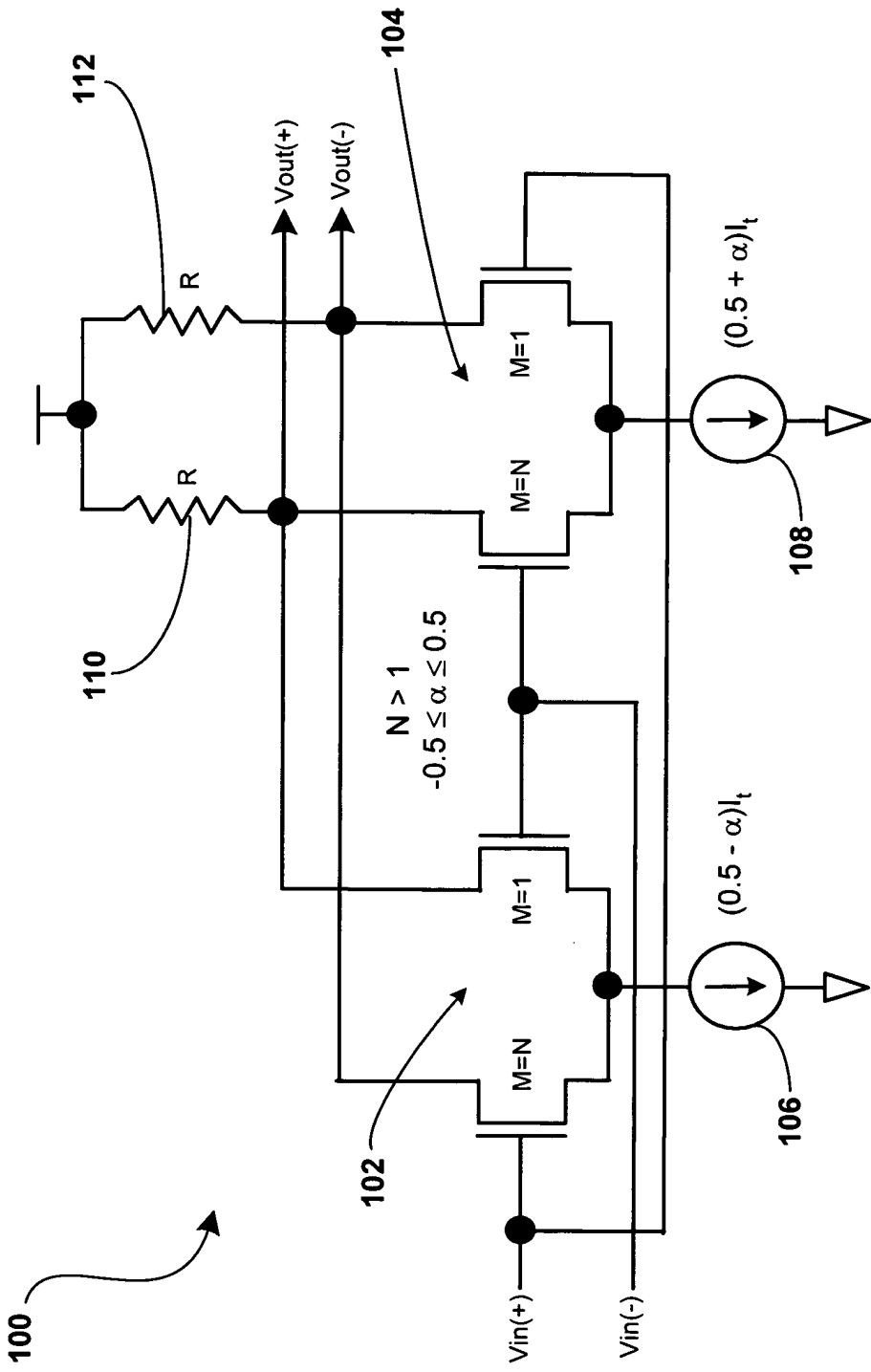
Vin(diff) Logic  
Signal Levels

Vin(diff) MSB & LSB  
Value Ranges



$$V_{in(diff)} = V_{in(+)} - V_{in(-)}$$

Figure 2  
(prior art)



**Figure 3**  
(prior art)

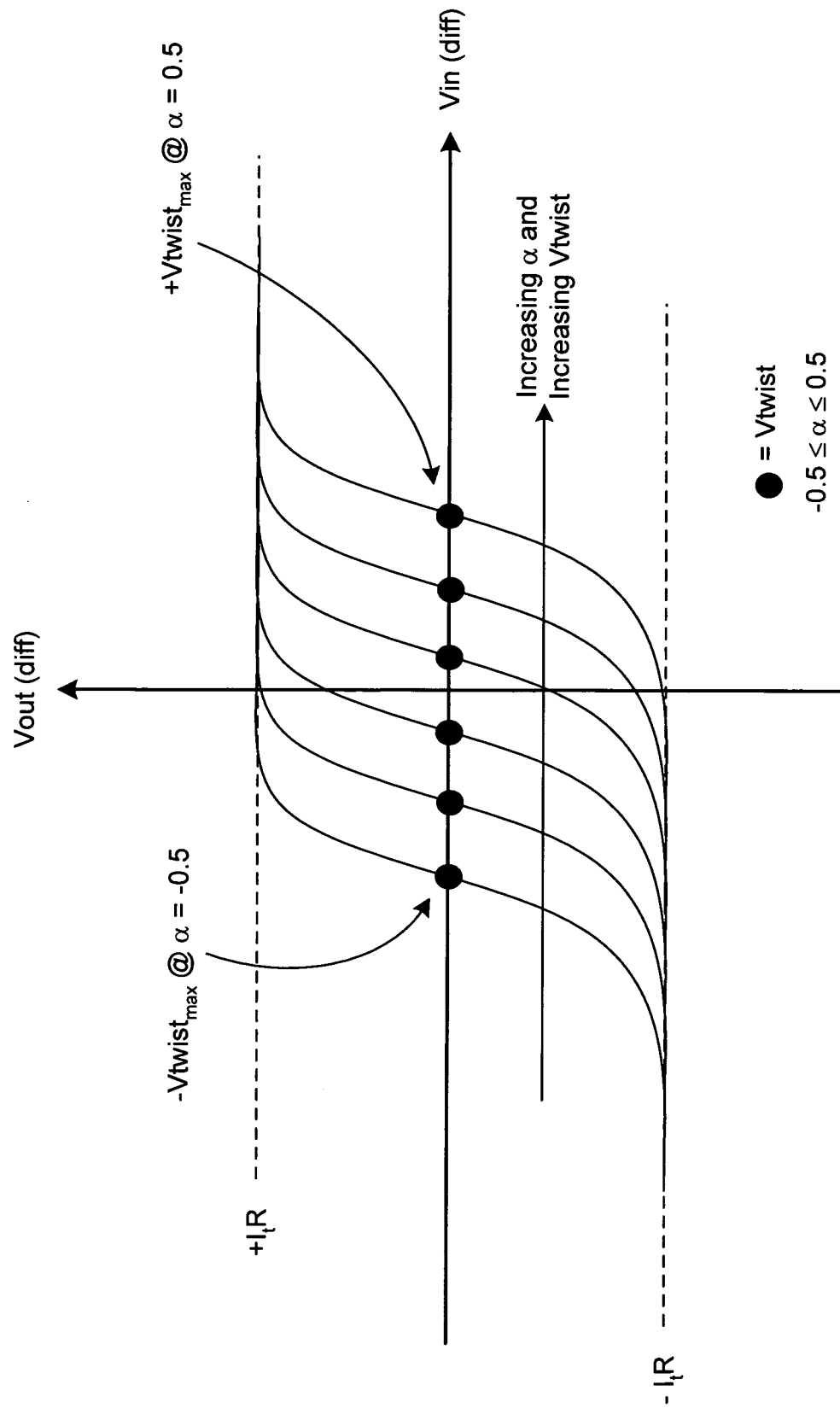
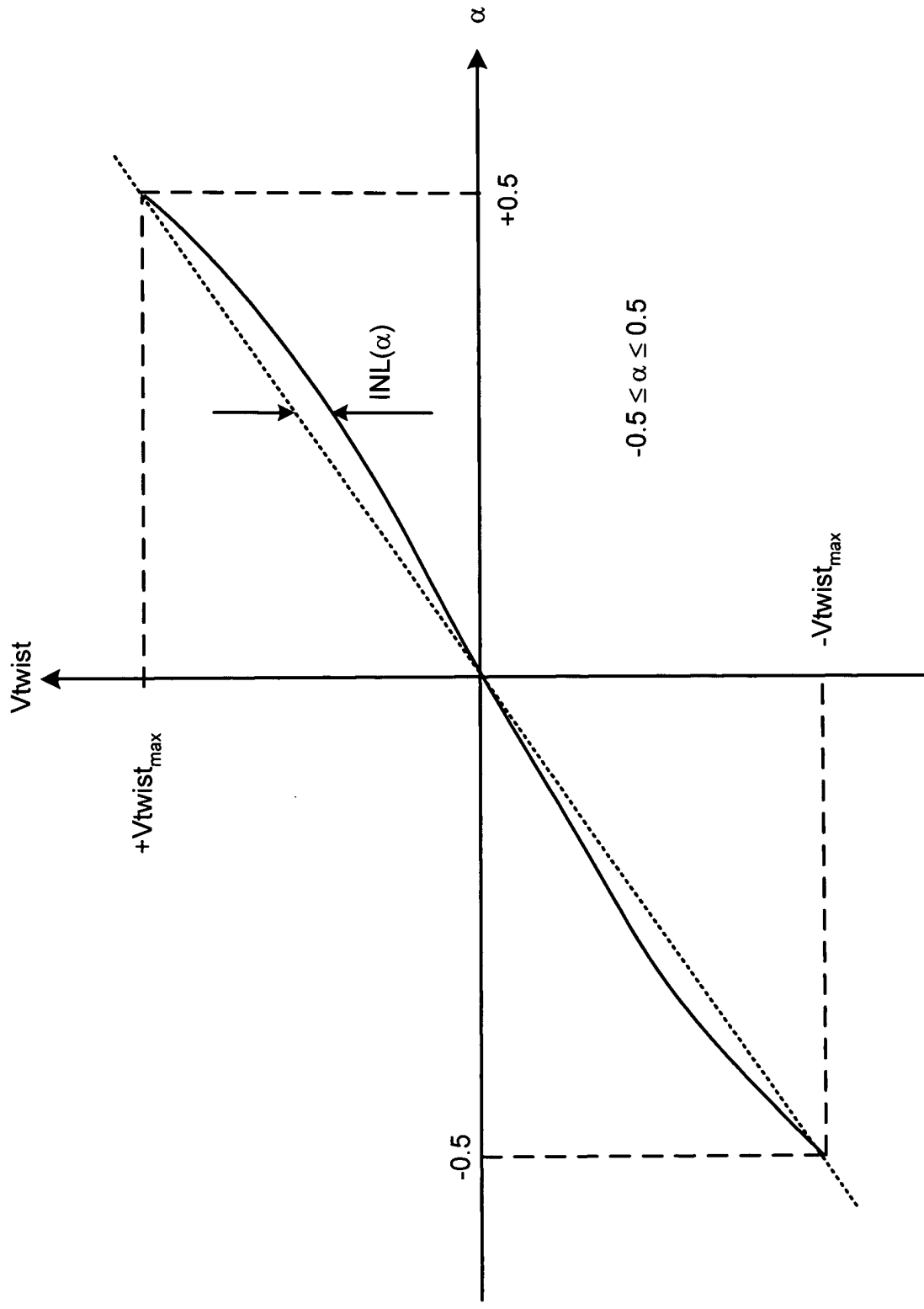


Figure 4  
 (prior art)



**Figure 5**  
(prior art)

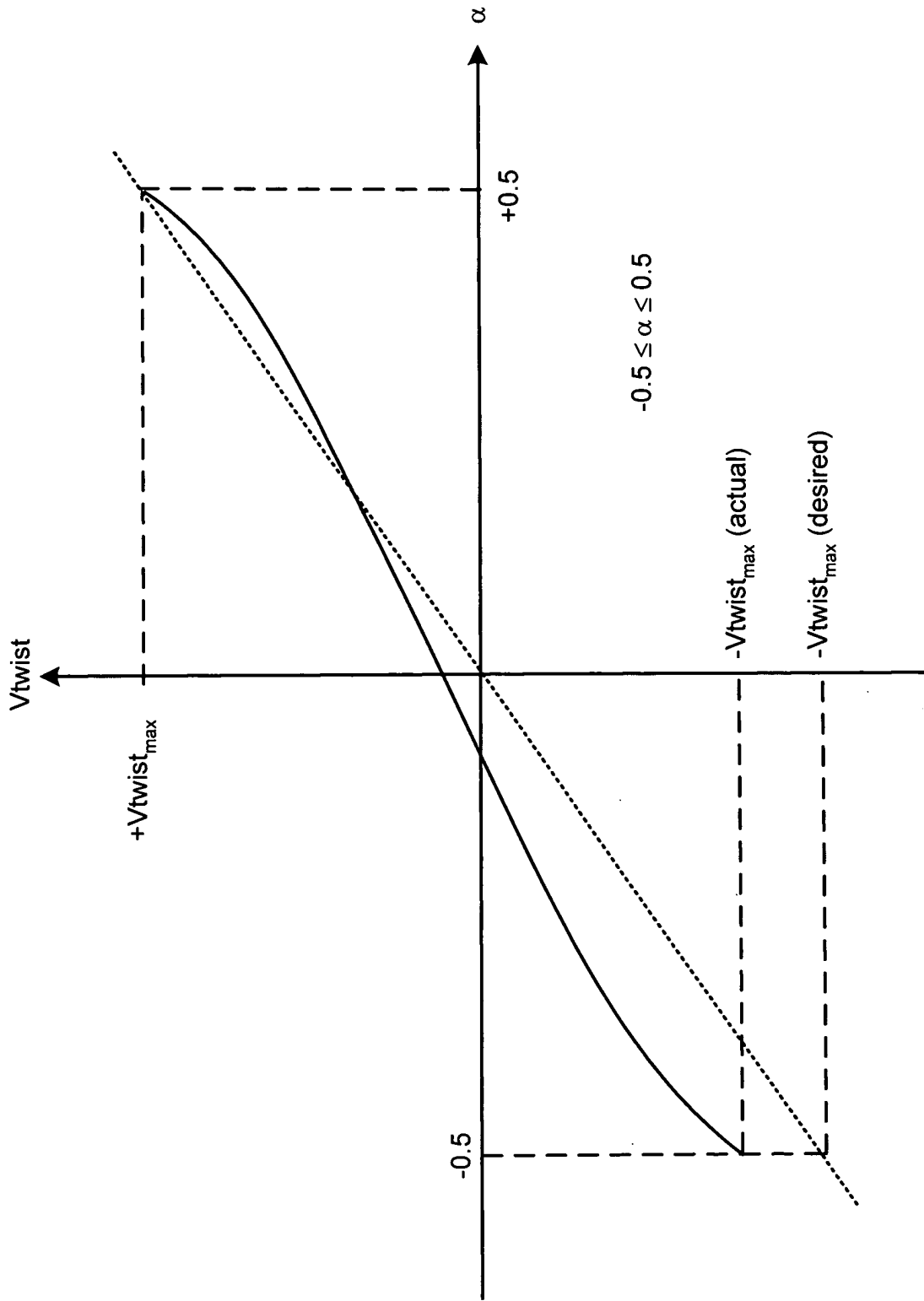


Figure 6  
(prior art)

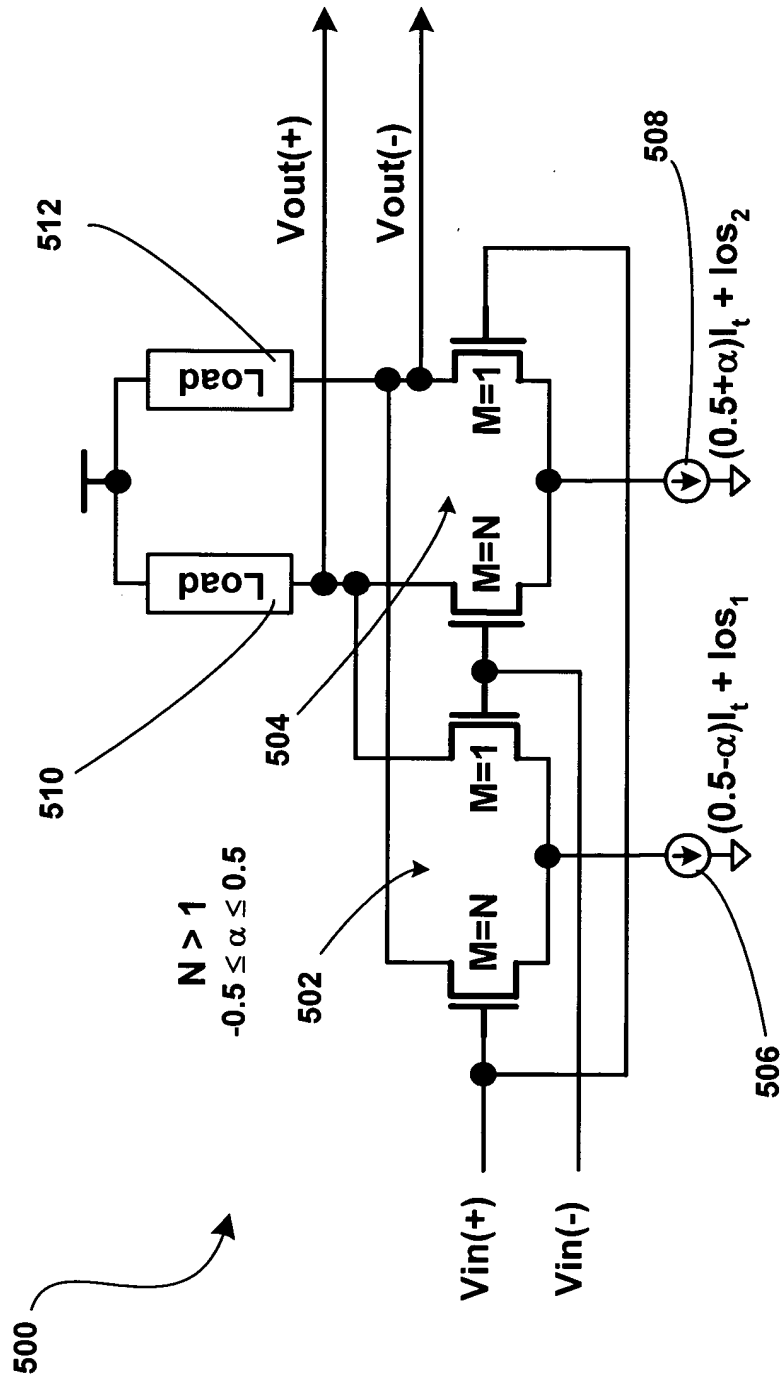


Figure 7

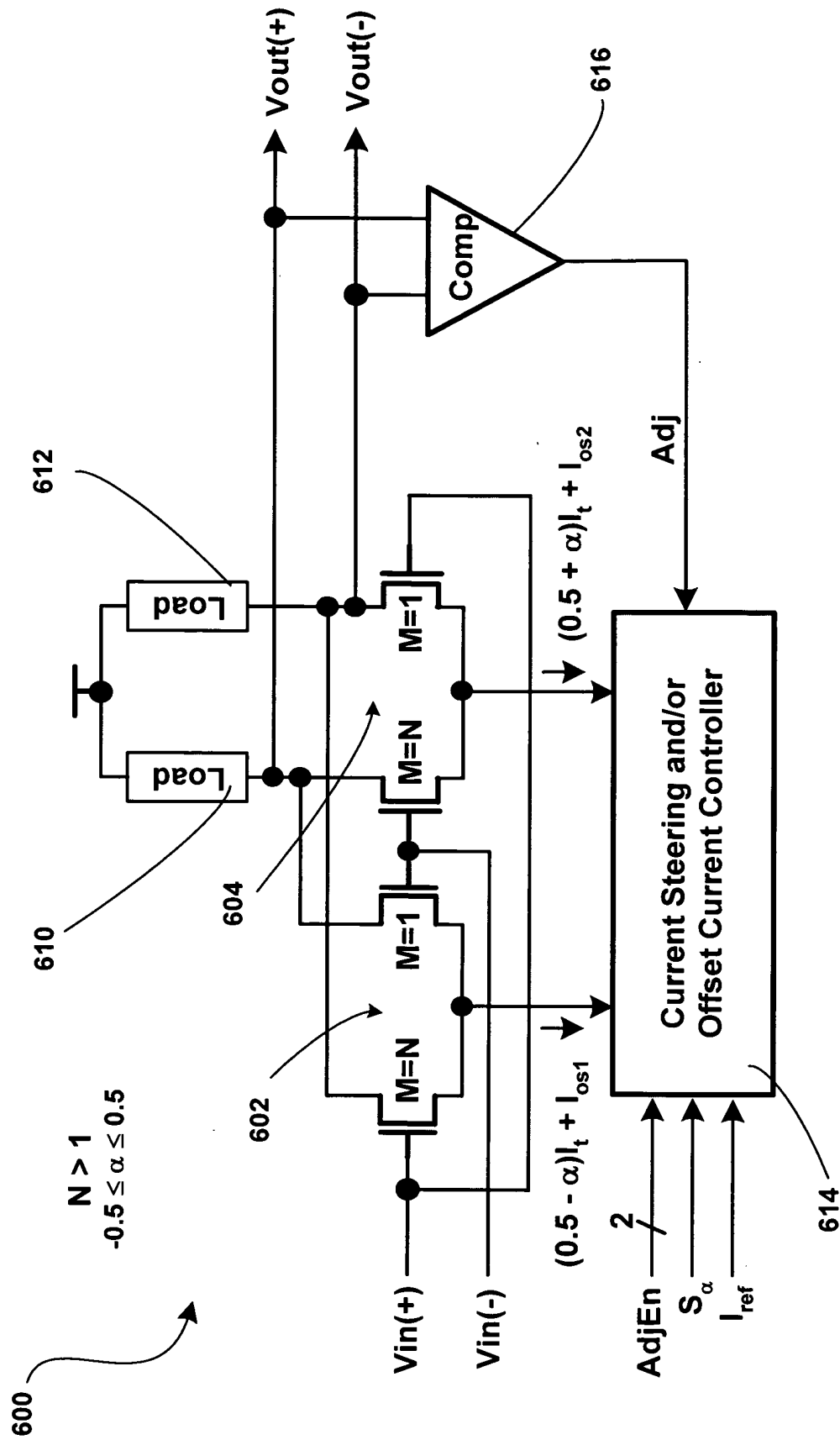


Figure 8



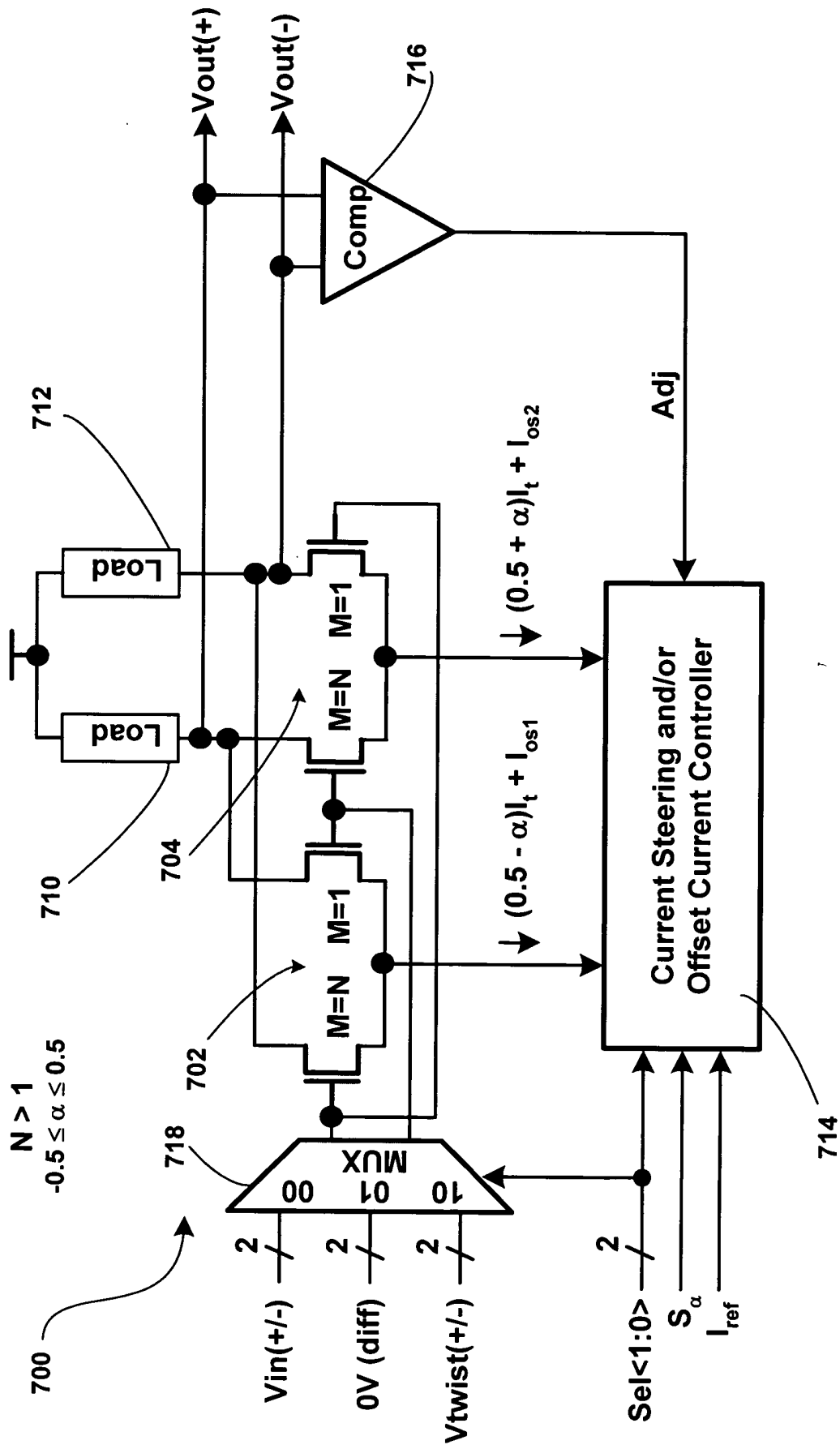


Figure 9

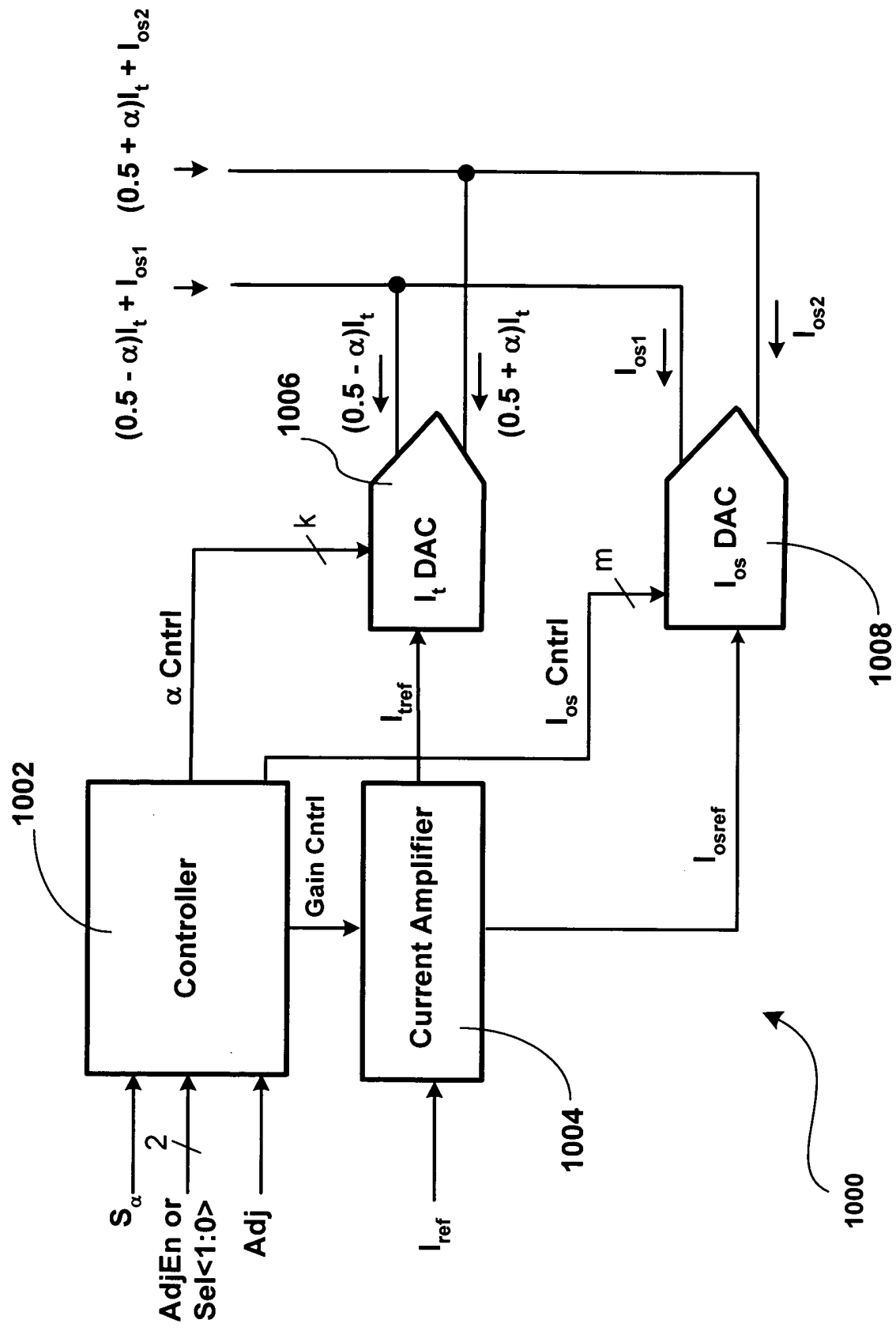


Figure 10